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Compatible iPod & iPhone

iPod
5th generation (video)*
30GB 60GB 80GB

iPod classic
80GB, 120 GB, 160GB

iPod nano
3rd generation (video)
4GB 8GB

iPod nano
4th generation (video)
8GB 16GB

* Must be used in locked mode.

iPod nano
5th gen. (video camera)
8GB 16GB 32GB

iPod touch
1st gen
8GB 16GB 32GB
2nd gen
8GB 16GB 32GB 64GB
3rd gen
8GB 32GB 64GB

iPhone & iPhone 3G
4GB 8GB 16GB

iPhone 3GS
16GB 32GB

MEDIABRIDGE

MB-1500-BMW integration solution
for BMW/MINI COOPER vehicles

Installation Guide/User Manual

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MB-1500-BMW REV. 071210

MediaBridge kit contents

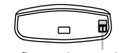
user manual

MediaBridge Module

MediaBridge Connector

Microphone

Dip switch setting



Car configuration switches

OFF OFF	Recommended for single line display or non-navigation radio system.
ON OFF	For 16:9 (wide screen) navigation radio system.
ON OFF	For non-navigation radio system on BMW 5, 7, x5 series MID units.

Getting started

Press MODE or CD to select MediaBridge.

Audio Source Selection*:

Use the ◀ ▶ within the first 5 seconds to cycle between USB iPod / USB Memory > AUX > SIRIUS while in DISC 1

*USB is only selectable if a USB flash drive or iPod is attached. SIRIUS is only selectable if a SIRIUS tuner is attached.

MediaBridge Interface Settings (within first 5 seconds of entering MediaBridge Emulation):

Select DISC 2 to set charge time after ignition off (for iPod).

Select DISC 3 to change base volume.

Select DISC 4 to set up scrolling text option.

Select DISC 5 to set up radio line display type.

Select DISC 6 to view MediaBridge firmware version.
(Select DISC 1 to apply settings and resume audio playback.)

iPod hold ON	Text display	Radio control	iPod control
Lock	All	✓	×

Before connecting the iPod to the MediaBridge module, turn the hold switch **ON** to fully control and browse the songs from factory radio. The iPod is locked in this state.

iPod hold OFF	Text display	Radio control	iPod control
Lock	No Playlist / Artist / Album name shown on the radio	limited	✓

Before connecting the iPod to the MediaBridge module, turn the hold switch **OFF** to fully control and browse the songs from iPod. The factory radio control and browsing capablities are limited.

Note: Changing the hold switch on iPod to ON/OFF must be done **prior** to connecting the dock cable.

Installation

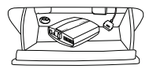
1. VERIFY COMPATIBILITY
2. DISCONNECT BATTERY

3. LOCATE CD-CHANGER CONNECTION IN TRUNK*

4. INSTALL MediaBridge CABLE

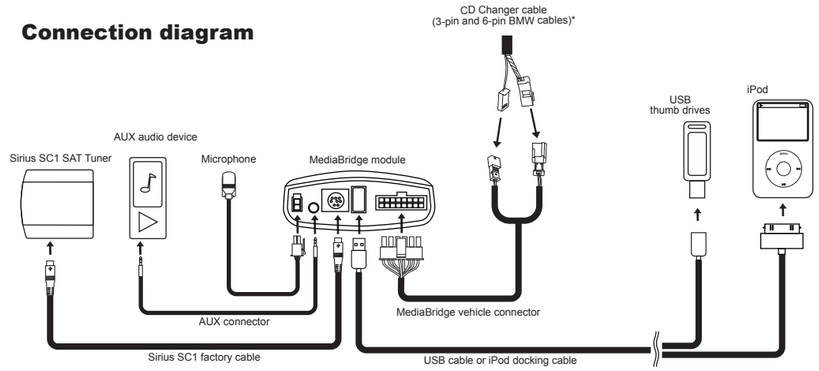
5. CONNECT BATTERY & TEST

6. ROUTE KIT TO GLOVEBOX OR OTHER ACCESSIBLE LOCATION



*CD changer cable will be in left hand side of trunk on most models (in trunk). Some models are different:
- X3 CD Changer cable is located underneath carpeting under the center console.
- Z4 CD Changer interface is located between seats, underneath subwoofer.
- Mini Cooper/Cooper S CD Changer interface is located on right hand side of vehicle (trunk area).

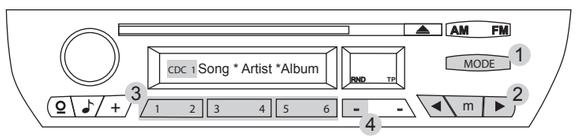
Connection diagram



* If coax is present, DSP kit may be required. for installation, refer to DSP supplement

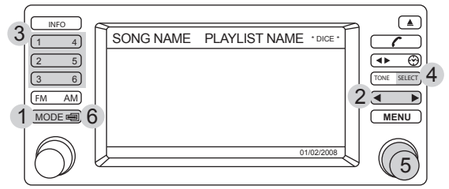
Selecting MediaBridge as an audio source

BMW business CD radio



1. Radio source selector (CD / FM / MediaBridge)
2. Next / Previous track control
3. Browse modes (iPod / USB), Presets (SIRIUS), Sound adjustments (AUX)
4. Press to turn on Random (iPod / USB); use for preset saving (SIRIUS)

BMW radio with Navigation



1. Radio source selector (CD / FM / MediaBridge)
2. Next / Previous control
3. Browse modes (iPod / USB), Presets (SIRIUS), Sound adjustments (AUX)
4. Press to access Random, Scan, FF/FR settings.
5. Rotating the jog dial will change tracks in CD-Changer display mode of the radio.
6. Switch between display screen.

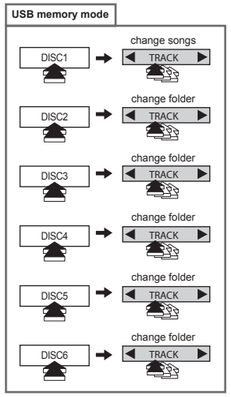
USB memory operation

Icon Legend

press button | press button repeatedly | press & hold button

- Select DISC 1, then use the track buttons to change from song to song.
- Select DISC 2-6 to browse Folders and use the track buttons to navigate through the folders on your USB flash drive.
- The MediaBridge unit will recognize the first 8 levels of folders, with up to 200 accessible folders within each folder. Only the first 1000 files will be read in each folder, the rest will be ignored.
- Songs play in the order they were added to the flash drive.
- Use the Random feature on radio to shuffle all songs on the flash drive. This may take a long time to complete if the flash drive is more than 4GB.

USB memory mode



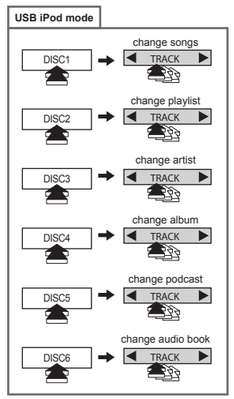
USB iPod operation

• Use DISC 1-6 to enter specific modes (SONG, PLAYLIST, ARTIST, ALBUM, PODCAST and AUDIO BOOK) when iPod is locked.

• Within each mode, use the track buttons to browse the items available

• Use Random feature or button on radio to shuffle songs.

Note: if the iPod is unlocked for direct control, radio control will be limited to Songs, Playlists, and Albums. Text display will also be limited to show only current song information. It will not show the name of Playlist / Artist / Album.

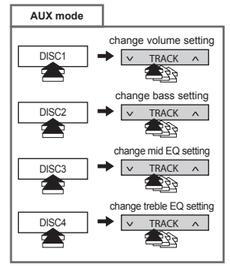


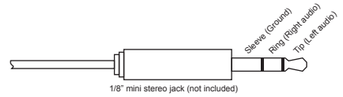
AUX operation

• An auxiliary audio device can be connected to the MediaBridge unit through the 1/8” mini-jack

• Audio device must be controlled manually.

• Audio level can be adjusted while in auxiliary mode by selecting DISC 1-4 and using track buttons to increase or decrease levels.





Sirius Connect™ operation (with SIRIUS tuner connected)

SIRIUS display screen:

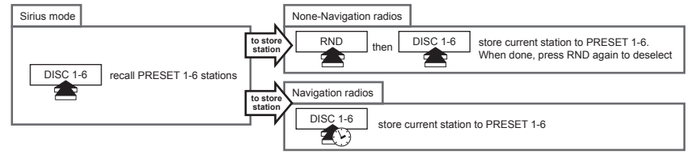
Channel number * station name * program title

Common Control: TRACK — change channel

Saving stations:

• Single line radios: Tune to desired station. Press RND button and select which DISC to save to (1-6). Deselect RND.

• Navigation radios: Tune to desired station. Press and hold DISC to save as preset.



• If a Sirius Connect compatible tuner is not detected, then either a “No Tuner” vehicle message is displayed, or the SIRIUS option will not be selectable.

• Go to Channel 000 to view the Sirius Tuner ID for activation. The 12 digit ID is displayed as “SIRIUS ID” followed by “123456-789000”.

Troubleshooting

Problem	Solution
iPod does not charge.	Check all connections. See if iPod charges while connected to computer or wall charger. You may need to reset the iPod.
Music is distorted or sound level is too low with iPod connected.	Make sure all EQ and BASS boost options are turned off on your iPod. You can set audio base level in DISC 3, see page 6.
Why is the interface not controlling the iPod/USB drive?	Please make sure that the USB connection is not loose. Make sure that an iPod case is not preventing the dock connector from being fully seated. Disconnect and reconnect the device. If iPod is not responding please try resetting it. USB device must also be FAT16/32 format and contain supported MP3, WMA or AAC content.
Sirius tuner can’t be selected.	Check for proper connection to the mini DIN 8 receptacle. Make sure that the connector pins are not bent. Make sure to select SIRIUS in Audio Source Selection (refer to page 6).
Why does the radio display show “EMPTY/STOP” and no music plays?	***USB iPod:*** the end of a playlist or selection has been reached. Select a new playlist from DISC2. ***USB Memory:*** There are no supported audio files on the flash drive.

Problem	Solution
No audio from iPod source.	Reset the iPod. Verify proper connection to iPod/interface. Check for compatibility. Older iPod models don’t support USB audio. Hold switch must be on for 5th generation iPod video.
Cannot select the interface.	Verify unit is trying to be accessed as the CD-changer source. With ignition off, disconnect vehicle harness from module for a minute, verify connections and reconnect.
Radio/ steering wheel controls do not operate iPod.	Reset iPod and make sure the most recent iPod firmware is installed. Check vehicle user manual on how steering wheel controls work, long presses may toggle alternate function.
Why does category read “PRESELCTD”?	Playback of content selected on the iPod before connected to the interface continues until new content is selected.
What size of USB flash drive should I use?	Large capacities are supported, however up to 4GB is recommended for optimal user experience.
Why does the message “iPod UNLOCKED” display on screen?	When the MediaBridge is playing iPod music in UNLOCKED mode, browsing mode information isn’t available so the “iPod UNLOCKED” notification is shown. To view song information return to Song mode (Preset 1). To view information associated with browsing modes, ensure the iPod’s hold button is set before connecting it to MediaBridge.

Bluetooth & MAT (Music Announcer Technology) configuration

To alter voice announcement and Bluetooth pairing settings select **Bluetooth** as your audio source, press the preset button that corresponds to the feature you want to configure, and then use **track or channel UP/DOWN** to browse through configuration options:

• PRESET/DISC 1, 2 or 3 should be selected if you want to control Bluetooth audio streaming playback.

• PRESET/DISC 4 controls the Autoconnect feature. Available options are Enable and Disable. This controls whether or not the MediaBridge will reconnect automatically when phone becomes disconnected. Only the most recently paired device will be reconnected automatically.

• PRESET/DISC 5 controls the paired devices memory. There is only one option. Tune or change tracks to clear the listing of paired devices with the MediaBridge.

• PRESET/DISC 6 controls MAT setting. Available options are Default, Extended, Phone only, and Off (refer to the chart below).

Options	Function
Default	Reset MAT back to factory default configuration
Extended	Turn on ALL MAT feature
Phone only	Turn on the phone relative MAT only
Off	Turn off MAT completely

Pairing MediaBridge with your cell phone via Bluetooth

1. Turn on the Bluetooth feature on your cell phone
2. Select MediaBridge as your audio source from your radio, then select Bluetooth mode
3. Search device from your cell phone
4. Select MediaBridge from device list and enter password “0000” to connect

Note: MediaBridge is only discoverable for first 60 seconds after selecting MediaBridge as your radio’s audio soure. Bluetooth devices remain paired 30 seconds after exiting MediaBridge mode, within this time active audio streams and phone calls aren't audible on the phone but can be resumed by re-entering MediaBridge mode

Answering / making a phone call

• To answer an incoming call, press the button that tunes to the next track or channel
• To reject an incoming call or terminate an active call, press the button that tunes to the previous track or channel
• To make an outgoing call, dial on the phone like you would normally

⚠ Phone calls interrupt any music / audio that is currently playing on the radio **while MediaBridge is the selected audio source**.

Playing music from a cell phone through MediaBridge via Bluetooth

1. Enter Bluetooth mode on MediaBridge
2. Make sure your cell phone is paired with MediaBridge
3. Select and play a song from your cell phone’s music player

Note: Some cell phones require you to manually select the option to play music via (A2DP) Bluetooth Streaming. Song information is shown on the radio display if your phone has AVRCP1.3.

4. Use Track UP/DOWN to skip tracks / FF / RW songs on the AVRCP compatible phone.

Firmware update

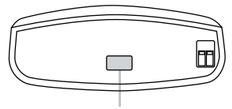
STEP 1: Disconnect the MediaBridge module from the vehicle.

STEP 2: Download and install necessary software from www.diceelectronics.com

STEP 3: Open software to follow instructions for updating MediaBridge unit.

STEP 4: Plug in MediaBridge via mini USB cable and update.

STEP 5: Disconnect and reinstall the unit into the vehicle.



Mini USB port for software update

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